

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC 7 A61M25/01

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3 802 440 A (RESCE T ET AL) 9 April 1974 (1974-04-09) cited in the application abstract; figures -----	1, 48, 49
A	EP 0 363 661 A (ADVANCED CARDIOVASCULAR SYSTEM) 18 April 1990 (1990-04-18) column 3, line 11 - column 4, line 48; figures -----	1, 48, 49
A	US 6 146 338 A (LIPSON DAVID ET AL) 14 November 2000 (2000-11-14) abstract; figures -----	1, 48, 49
A	US 5 762 615 A (WEIER STEVEN D) 9 June 1998 (1998-06-09) abstract; figures -----	1, 48, 49

☐ Further documents are listed in the continuation of box C☒ Patent family members are listed in annex**\* Special categories of cited documents**

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*G\* document member of the same patent family

Date of the actual completion of the international search

17 January 2005

Date of mailing of the international search report

25/01/2005

Name and mailing address of the ISA

European Patent Office, P B 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel (+31-70) 340-2040, Tx 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

Kousouretas, I

# INTERNATIONAL SEARCH REPORT

formation on patent family members

International Application No

PCT/IE2004/000106

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 3802440	A	09-04-1974	AU 476391 B2	16-09-1976
			AU 6367873 A	19-06-1975
			CA 1009918 A1	10-05-1977
			DE 2363249 A1	25-07-1974
			GB 1446907 A	18-08-1976
			JP 49097484 A	14-09-1974
-----				
EP 0363661	A	18-04-1990	US 4917102 A	17-04-1990
			EP 0363661 A1	18-04-1990
			JP 2191467 A	27-07-1990
-----				
US 6146338	A	14-11-2000	WO 0064525 A1	02-11-2000
			US 6485440 B1	26-11-2002
-----				
US 5762615	A	09-06-1998	CA 2205946 A1	04-12-1997
			DE 69724518 D1	09-10-2003
			DE 69724518 T2	05-08-2004
			EP 0812600 A2	17-12-1997
-----				